

Comparisons of Job Characteristics

Focus Occupation: Pediatricians, General (29-1065)
Associated Occupation: Physician Assistants (29-1071)

Compare Knowledge
 Compare Skills
 Compare Abilities
 Compare Detailed Work Activities
 Compare Tools and Technologies

<<	Focus occupation element is much lower
<	Focus occupation element is lower
0	Focus occupation element is at a similar level
>	Focus occupation element is at a higher level
>>	Focus occupation element is at a much higher level

Knowledge

Similarity of Focus Occupation to Associated Occupation: 96

Focus Occupation: Pediatricians, General (29-1065)
Associated Occupation: Physician Assistants (29-1071)

Associated Occupation's Key Knowledge Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation	
Medicine and Dentistry	3.7	22.5	22.2	0	Current knowledge level may be sufficient
Biology	3.7	19.4	15.3	<<	Extensive education and/or training may be required
Psychology	6.4	18.3	16.7	0	Current knowledge level may be sufficient
Customer and Personal Service	11.3	17.9	10.7	<<	Extensive education and/or training may be required
Therapy and Counseling	3.8	17.5	15.7	<	Expanded education and/or training may be required
Chemistry	4.8	11.7	9.2	<	Expanded education and/or training may be required
Sociology and Anthropology	4.1	10.2	7.8	<<	Extensive education and/or training may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Skills

Similarity of Focus Occupation to Associated Occupation: 95

Focus Occupation: Pediatricians, General (29-1065)
Associated Occupation: Physician Assistants (29-1071)

Associated Occupation's Key Skills Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation	
Reading Comprehension	10.7	15.1	15.4	0	Current skill level may be sufficient
Critical Thinking	10.8	14.6	15.9	0	Current skill level may be sufficient
Judgment and Decision Making	9.4	13.8	13.5	0	Current skill level may be sufficient
Social Perceptiveness	9.1	13.5	12.5	0	Current skill level may be sufficient
Service Orientation	7.9	12.8	12.2	0	Current skill level may be sufficient

Monitoring	9.9	12.6	12.8	0	Current skill level may be sufficient
Science	4.5	12.2	16.4	>>	Skill level is likely more than sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Abilities

Similarity of Focus Occupation to Associated Occupation: 97

Focus Occupation: Pediatricians, General (29-1065)

Associated Occupation: Physician Assistants (29-1071)

Associated Occupation's Key Abilities Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating		Evaluation of Focus Occupation
Oral Comprehension	12.5	16.0	18.5	>	Current ability level is likely sufficient
Problem Sensitivity	11.1	16.0	18.5	>	Current ability level is likely sufficient
Oral Expression	12.4	15.4	17.5	>	Current ability level is likely sufficient
Deductive Reasoning	10.6	15.0	14.0	0	Current ability level may be sufficient
Inductive Reasoning	10.2	15.0	18.4	>>	Current ability level is likely more than sufficient
Written Comprehension	11.0	14.2	16.4	>	Current ability level is likely sufficient
Near Vision	11.1	12.8	12.1	0	Current ability level may be sufficient
Information Ordering	9.9	11.8	11.6	0	Current ability level may be sufficient
Category Flexibility	9.0	10.8	9.5	<	Some improvement in abilities may be required
Speed of Closure	5.9	8.7	8.6	0	Current ability level may be sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Activities that Both Occupations Have in Common

Similarity of Focus Occupation to Associated Occupation: 92

Focus Occupation: Pediatricians, General (29-1065)

Associated Occupation: Physician Assistants (29-1071)

Work Activities	Exclusivity of Activity
Administer injections	60
Administer medications or treatments	46
Collect clinical data	56
Communicate technical information	4
Conduct complete physical examinations	85
Conduct patient assessments	69
Diagnose medical condition of patient	82
Document medical prognosis	77
Draw blood	74
Follow examining room procedures	84
Interpret medical laboratory test results	72

Order medical laboratory tests	76
Perform minor surgery	82
Prepare patient reports	66
Recognize childhood diseases	78
Record medical history or data	68
Take vital signs	56
Treat medical condition of patient	75
Understand properties or composition of drugs	64
Use clinical problem solving techniques	69
Use emergency medical procedures	64
Use interpersonal communication techniques	10
Use knowledge of medical terminology	40
Use medical diagnostic techniques	71
Use sanitation practices in health care settings	48

Not all positions in these occupations will necessarily perform all of the listed activities. The exclusivity rating is an indication of how unique the activity is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations engage in that activity.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Tools and Technologies that Both Occupations Have in Common

Similarity of Focus
Occupation to Associated
Occupation: 81

Focus Occupation: Pediatricians, General (29-1065)
Associated Occupation: Physician Assistants (29-1071)

Tools and Technologies	Exclusivity
Acute care monitoring units and related products	22
Blood pressure units and related products	11
Casting and splinting supplies	25
Computers	1
Electrocardiography EKG units and related products	20
Emergency medical services resuscitation products	15
Endoscopic equipment and accessories and related products	56
Floor grade instruments	30
Hearing testing products	31
Industry specific software	1
Information exchange software	1
Intravenous and arterial cannulas and catheters and accessories	29
Intravenous and arterial tubing and administration sets and related products	22
Intubation supplies	21
Medical suction and vacuum products	33
Medical ultrasound and doppler and echo imaging products	19
Network applications software	1
Neurological exam products	30
Ophthalmic diagnostic exam products	27
Orthopedic softgoods for upper extremity and torso	35
Patient point of care testing supplies and equipment	23
Positive mechanical pressure ventilators and accessories	31

Pulmonary function testing and treatment products	24
Pulse oximeters	18
Respiratory humidity and aerosol therapy products	31
Respiratory monitoring products	29
Scopes and specula and accessories for medical exam diagnostic use	23
Specimen collection and transport containers and supplies	14
Stethoscopes and related products	14
Surgical clamps and forceps and surgical ligators and related instruments	29
Surgical cutting instruments and snares and related products	24
Suture and related products	23
Syringes and accessories	14
Thoracentesis products	47
Vascular imaging and interventional cardiology and cardiac catheterization lab products	40

Not all positions in these occupations will necessarily use all of the listed tools and technologies. The exclusivity rating is an indication of how unique the tool or technology is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations use that tool or technology.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.